

Plate 1

# GROUND-WATER SENSITIVITY TO PESTICIDES IN THE SOUTHERN SEVIER DESERT AND PAHVANT VALLEY, MILLARD COUNTY, UTAH

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## Explanation

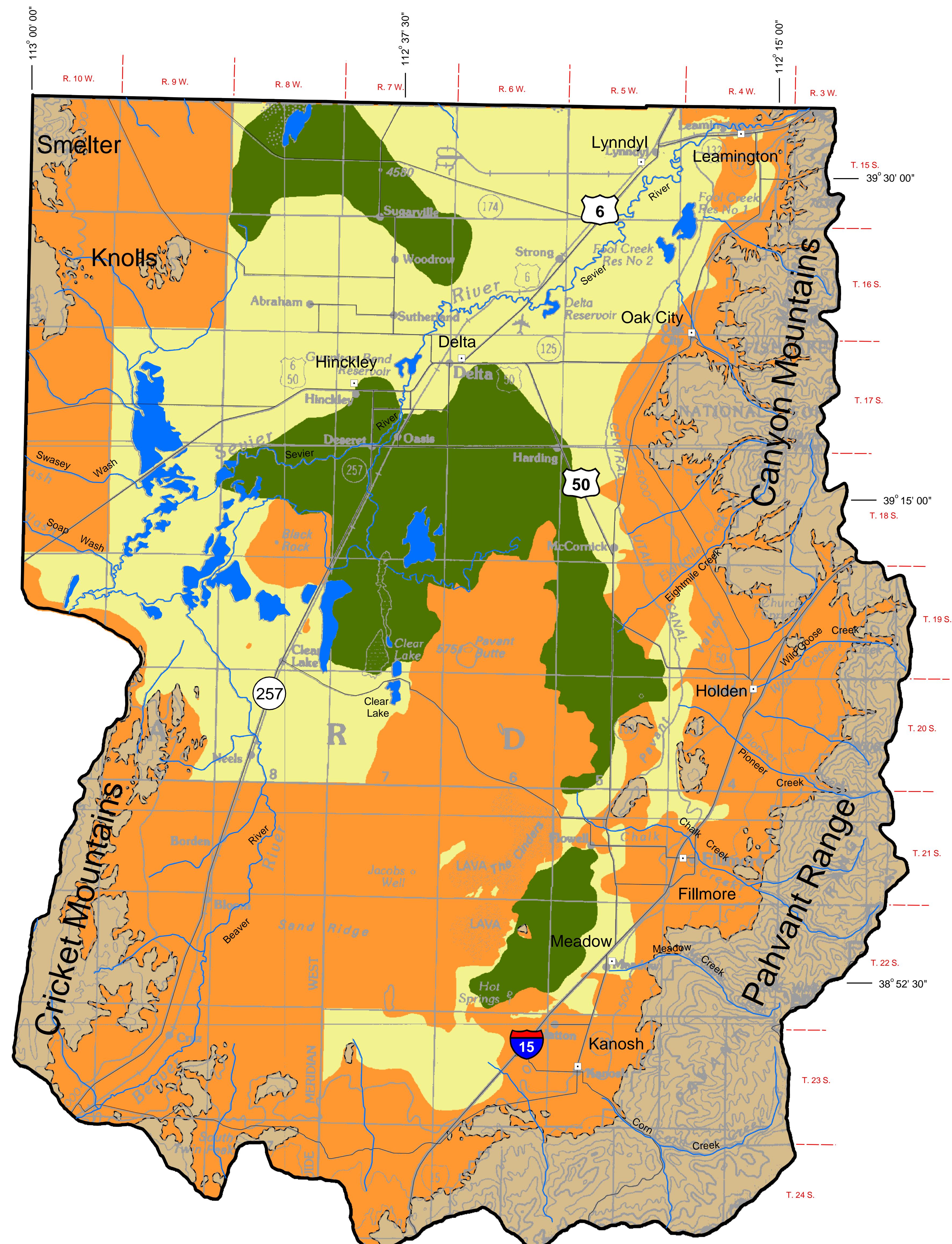
### Pesticide Sensitivity Ranking

(determined by natural factors favorable  
or unfavorable to the degradation of  
ground water by pesticides)

- Low sensitivity
  - Moderate sensitivity
  - High sensitivity
  - Bedrock (not analyzed)
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- Water bodies
  - Roads
  - Water courses
  - Basin-fill boundary
  - Study-area boundary



Location of Study Area



This map is a GIS product derived from a recharge/discharge area map by Anderson and others (1994), soil data from the National Soil Survey Center (1994), precipitation data from the Utah Climate Center (1991), evapotranspiration data from Jensen and Daniels (2001), and land-use data from the Utah Division of Water Resources (1995). No additional field work was performed or data collected.

This map is based on 1:24,000 or smaller scale data and should not be used for site-specific evaluations.

Projection: UTM  
Zone: 12  
Units: Meters  
Datum: NAD27  
Spheroid: Clarke 1866

Topographic basemap from U.S. Geological Survey  
1:500,000-scale image (1988)

0 5 10 20 Miles

0 5 10 20 Kilometers

